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SERIAL NO.: 10/086,633  
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## **AMENDMENTS TO THE SPECIFICATION**

### **In the Specification:**

Please replace the paragraph beginning on page 3, paragraph number 53 with the following rewritten paragraph:

-- External sensors for plug-in connection to monitor 12 may include, for example, EEG electrodes 101, ECG electrodes 105, a pressure cuff 110 for measuring NIBP, and an air flow sensor 114 for measuring spirometry or other sensors. EEG electrodes 101 and ECG electrodes 105 are equipped with connector plugs 102 and 106 respectively which may be identical for connection to monitor 12 via a single receptacle connector 107. Connector 107 may include an electronic circuit which automatically recognizes which of EEG electrodes 101 and ECG electrodes 105 is plugged in a receptacle 107. Pressure cuff 110 also typically includes a plug 111 designed to be connected to a receptacle 112, as does flow sensor 114 typically include a plug 115 designed to be connected to a receptacle 116. The receptacles 107, 112, 116 and the plugs 102, 106, 111 and 115 are typically in communication through electrical wires. In another embodiment of the invention the receptacles 107, 112 and 116 and plugs 102, 106, 111 and 115 communicate wirelessly through a radio frequency (RF) transmitter/receiver or through an optical contact. --